

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-79. (Cancelled).

80. (Previously Presented) A laser light source, comprising:

a semiconductor laser for emitting pumping light having an output greater than or equal to 1W;

a fiber for conveying the pumping light;

a solid state laser crystal for receiving the pumping light from the fiber and generating a fundamental wave; and

a bulk type optical wavelength conversion element without an optical waveguide, for receiving the fundamental wave and generating a harmonic wave, the optical wavelength conversion element having periodic domain inverted structures,

wherein the fiber is configured to prevent a variation in temperature of the optical wavelength conversion element caused by a heat generated from the semiconductor laser, the fiber being positioned between the semiconductor laser and the optical wavelength conversion element.

81. (Cancelled).

82. (Previously Presented) A laser light source according to claim 80, wherein the optical wavelength conversion element is formed in an $\text{LiNb}_x\text{Ta}_{1-x}\text{O}_3$ ($0 \leq x \leq 1$) substrate.

83. (Previously Presented) A laser light source according to claim 80, wherein the solid state laser crystal and the optical wavelength conversion element are integrated together.

84. (Previously Presented) A laser light source, comprising:

a semiconductor laser for emitting pumping light having an output greater than or equal to 1W;

a solid state laser crystal for receiving the pumping light and generating a fundamental wave;

a single mode fiber for conveying the fundamental wave; and

a bulk type optical wavelength conversion element without an optical waveguide, for receiving the fundamental wave from the fiber and generating a harmonic wave, the optical wavelength conversion element having periodic domain inverted structures,

wherein the single mode fiber is configured to prevent a variation in temperature of the optical wavelength conversion element caused by a heat generated from the semiconductor laser, the single mode fiber being positioned between the semiconductor laser and the optical wavelength conversion element.

85.-90. (Cancelled).

91. (Previously Presented) A laser light source according to claim 80,

wherein the solid state laser crystal is attached to the optical wavelength conversion element.

92. (Previously Presented) A laser light source according to claim 84,

wherein the single mode fiber is connected between the solid state laser crystal and the optical wavelength conversion element.

93. (Previously Presented) A laser light source according to claim 80,
wherein the semiconductor laser is fixed in a housing without active cooling.
94. (Previously Presented) A laser light source according to claim 84,
wherein the semiconductor laser is fixed in a housing without active cooling.